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Date of Signature and Deposit: January 3, 2002

Bennett J. Berson

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Judith E. Kimble  
Robert H. Blelloch

Date: January 3, 2002

Serial No.: 09/321,987

Group Art Unit: 1632

Filed: 05/28/1999

Examiner: R. Shukla

For: AGENT AND METHOD FOR  
MODULATION OF CELL MIGRATION

File No.: 960296.95386

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PRELIMINARY AMENDMENT

Commissioner For Patents  
Washington DC 20231

Dear Sir:

In the Continued Prosecution Application filed herewith and identified above, please amend the application as follows:

In the specification:

Please amend the paragraph bridging pages 8 and 9 as follows:

C'  
Fig. 1C compares the *C. elegans* GON-1 amino acid sequence (SEQ ID NO:2) to sequences of the ADAMTS-1 (SEQ ID NO:4) and PN1P (SEQ ID NO:5) proteins. In the metalloprotease domain, amino acids important for enzymatic activity are marked by an asterisk (\*). Three conserved histidines (GON-1, aa 424, 428, 434) bind a catalytically essential  $Zn^{+2}$  ion in well characterized metalloproteases, while a glutamic acid residue (GON-1, aa 425) is thought to be directly involved in cleavage (Stöcker et al, 1995). In addition, two conserved glycines and a downstream methionine seem to be important for structure of the active site. GON-1 bears one of the glycines (aa 427) and the methionine (aa 454), but the second glycine is changed to serine in GON-1 (aa431). In the canonical TSpt1